

This handout contains the information needed to make C.A.D.D. drawings compatible with the State\Dist. 3 C.A.D.D. format.

Most of the information needed can be found on the IDOT home page, " www.dot.state.il.us " See attachments.

In addition to the home page, a CADD manual may be purchased, " CADD Roadway Drafting Reference Guide ", can be found on the home page.

When naming the CADD files, DO NOT use duplicate names, even if the files are in different Sub-directories. Examples: pts.dgn (survey points)

topo.dgn (topography)

sheetsxx.dgn (plan sheets or plan & profile sheets)

details.dgn (details)

schedules.dgn (schedules and summaries)

xsec.dgn (xsections)

xsshtxx.dgn (xsection sheets)

The CADD reference Guide has the list of the levels that we use and what belongs on them. The state color table can be down loaded from the home page along with any and all of our cell libraries. See attachments.

When building the sheet files, put multiple sheets in a file. Then label all the reference attachments used. There should be very little drawn in the sheet file, Examples: N. arrow, scales, match lines, titles to name a few. See attachments.

All the District 3 CADD Standards, Special Provisions, and General Notes are now out on a ftp site that can be down loaded. These should be down loaded when needed for a project and not stored on your system for the next project. By doing this the most up to date Details and Specials will be used.

The address is: " <ftp://ftp.dot.state.il.us> " the files are in the Public folder then the District 3 folder , then under the folder D3 CADD Standard details, both the English and Metric details are available. The folders D3 Special Provisions and D3 General Notes are also in the Public folder. If we need to transfer files there is a folder called D3 Transfers. This needs to be used instead of E-mail, if files are over 2Mb

If you have any questions please contact Mike Wasilewski at 815-434-8479

wasilewskimw@nt.dot.state.il.us



**Illinois Department
of Transportation**

www.dot.state.il.us

George H. Ryan, Governor

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2300 S. Dirksen
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Springfield, IL
62764
(217) 782-7820

Employment Opportunities

Welcome to the Illinois Department of Transportation's redesigned home page.

The new web design is one that all state agencies will be using to give state government web sites a common look that will present information in a more consistent manner. The new design will also help address accessibility issues for citizens with disabilities.

All pages within the Department's web site remain unchanged, so those users that have our pages in their favorites list will still be able to use them. If you're not a frequent visitor to our web site, please take a few minutes to review our pages to see what services we provide.

Latest News

The year-long project to rehabilitate the **Franklin Street Connector** at the Stevenson Expressway (I-55) and the Dan Ryan Expressway (I-90/94) near Chicago's Chinatown neighborhood will come to an end almost four weeks ahead of schedule.

Lane closures will be in place for the start of the advance work being done for next year's reconstruction of I-290 / IL 53 in northwest suburban Chicago.

Did You Know You Can?

- [Check Illinois Road Construction](#)
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- [Find Information about Traffic Safety](#)
- [Find Information about Public Transportation](#)

October 4, 2002

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2002 Road
Construction

MAPS



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futures for
kids



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[Info & Procedure Manual](#)
[Manual on Uniform Traffic Control Devices NEW](#)

[Oversize/Overweight Permit Policy Manual](#)
[Project Procedures Guide](#)
[Quality Standard for Work Zone Traffic Control](#)
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Features

CADD Standards/Downloads

[CADD Roadway Drafting Reference Guide](#)

[CADD Standards/Downloads Subscription Service NEW](#)

CURRENT CADD CONFIGURATION

Currently the Department is running MicroStation J and Geopak 2001 on Windows NT platforms. As of 08/09/01 there are 323 MicroStation seats and 101 PowerDraft seats located in 9 District Offices and the Central Site.

DOWNLOADABLE CADD FILES

MICROSTATION FILES	EFFECTIVE DATE	GEOPAK FILES	EFFECTIVE DATE	SURVEY POINT CODE DESCRIPTIONS	EFFECTIVE 6/17/00
Readme File	12/20/01	Criteria Files-English (26k)	8/31/99	Readme	
Bridge Cell Libraries		Criteria Files-Metric (191k)	8/31/99	Survey Point Code Descriptions-English	
CADD Cell Library English (215k) (Added cells for latest Aerial Surveys application)	05/29/02	Design & Computation Manager Database-English (138k) (Updated to correct quantity calculation error for Corrugated Medians.)	8/15/02	Survey Point Code Descriptions-Metric	
CADD Cell Library Metric (213k) (Added cells for latest Aerial Surveys application)	05/29/02	Design & Computation Manager Database-Metric (72k)	11/1/00		
Color Table (30k)	8/31/99	IDOT Drainage Tables - English (26k)	4/30/02		
Font Libraries (471k)	8/31/99				
Glossary Files	6/15/01				

Local intranet

DISTRICT 3 C.A.D.D. DETAILS

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<u>SECTION</u>	<u>ITEM DESCRIPTION</u>
<u>200</u>	
205-1 205-2 & 205-3 251-1 thru 251-6 285-1	SOIL CLASSIFICATION CHART GRAPHS FOR LIME MODIFIED SOILS EROSION CONTROL BLANKET FABRIC FORMED REVETMENT MAT
<u>400</u>	
402-1 406-1 406-2 & 406-3 406-4 406-5 406-6 406-7 406-8 406-9 thru 406-11 420-1 420-2 423-1 424-1 thru 424-4 424-5 thru 424-25 424-26 424-27 424-28 & 424-29 440-1 440-2 442-1	FIELD ENTRANCE DETAIL MAILBOX TURNOUT SIDEROADS & ENTRANCES MAINTENANCE CROSSOVER-BITUMINOUS PAVEMENT RUMBLE STRIP RURAL TURN AROUND EXPANSION JOINT REHABILITATION MILLING AT BUTT JOINT BUTT JOINT DETAILS MAINTENANCE CROSSOVER-CONCRETE CASTINGS IN PCC PAVEMENT PCC URBAN ENTRANCES BICYCLE RACKS ADA SIDEWALK RAMP DETAILS SODDING DETAIL FOR SIDEWALK RAMPS CONC MEDIAN DETAIL FOR SIDEWALK RAMP PCC SIDEWALK SPECIAL WITH RETAINING WALL REMOVAL OF BITUMINOUS SHOULDER REQUIRED COLD MILLED SURFACE TEXTURE PAVEMENT PATCH FOR BITUMINOUS SURFACED PAVEMENT
<u>500</u>	
503-1 540-1 thru 540-4 540-5 & 540-6 540-7 thru 540-12 540-13 540-14 540-15 540-16 540-17 540-18 540-19 540-20 & 540-21 542-1 thru 542-3 542-4A thru 542-4C	DECK DRAIN EXTENSIONS BOX CULVERT EXTENSION WITH C.I.P. BOX CULVERT EXTENSION WITH PRECAST BOX BOX CULVERT EXTENSION WITH PIPE CULVERT PLAN AT CULVERT EXTENSIONS C.I.P. BOX CULVERT PRECAST CONCRETE BOX SECTION PRECAST CONCRETE BOX CULVERT END SECTION C.I.P. END SECTION FOR PRECAST BOX CULVERT PAY LENGTH FOR PRECAST BOX CULVERT GRATING FOR CULVERTS WITH WINGWALLS SECTIONS THRU PRECAST AND C.I.P. CULVERTS PIPE CULVERT EXTENSION INLET BOX SPECIAL

DISTRICT 3 C.A.D.D. DETAILS

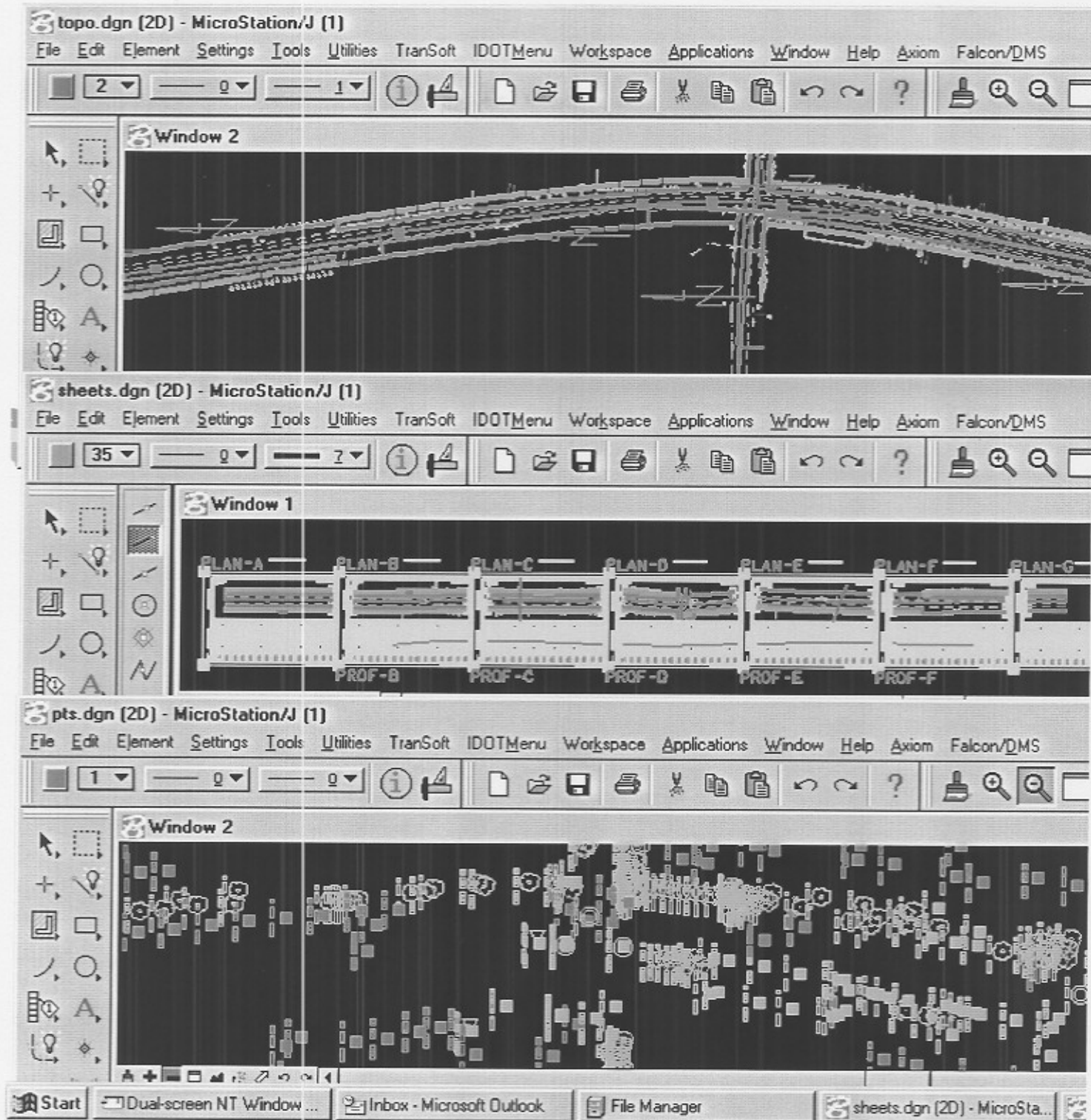
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<u>SECTION</u>	<u>ITEM DESCRIPTION</u>
542-5	SEEPAGE COLLAR FOR BURIED PIPE
542-6	SEEPAGE COLLAR FOR EXPOSED PIPE
542-7	SLOPE DRAIN
550-1	CONC. COLLAR FOR SEWER CONNECTION
561-1 thru 561-7	WATERMAIN DETAILS
562-1	WATER SERVICE LINE TAP
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<u>600</u>	
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601-1	BACKSLOPE DRAIN
602-1	INLET TYPE A, SPECIAL
602-2	INLET ADJUST
604-1	FRAME & GRATE SPECIAL
606-1	ISLAND DETAIL
606-2	ISLAND BLOCKOUTS
606-3	REINFORCEMENT FOR TYPE B GUTTER
606-4 thru 606-7	REINFORCEMENT FOR CURB & GUTTER
606-8	CURB & GUTTER OUTLET, SPECIAL
606-9	PAVED DITCH TYPE B-30, SPECIAL
606-10	M5.15 & M5.30 CURB AND GUTTER
611-1 & 611-2	FIELD TILE DETAILS
611-3	CONCRETE HEADWALL FOR PIPEDRAIN
630-7 & 630-8	BRIDGE RAIL & BARRIER WALL DELINEATION
631-1 & 631-2	INERTIAL BARRIERS
631-3	SINGLE ARRAY OF IMPACT ATTENUATORS
634-1	WOOD POSTS FOR ILLEGAL X-OVER
638-1	MODULAR GLARE SCREEN BLADES
661-1	EROSION CONTROL CURB
667-1	LAND SECTION MARKERS
670-1	COMPUTER CABINET
<hr/>	
<u>700</u>	
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701-1	TOTAL INTERSTATE CLOSURE AT NIGHT
701-2 & 701-3	TRAFFIC CONTROL DETAILS FOR TEMP CONC BARR
702-1 thru 702-5	TRAFFIC CONTROL SIGN DETAILS
703-1	SHORT TERM PAVEMENT MARKING
720-1	ROAD ENDS SIGN
720-2 & 720-3	INTERCHANGE TYPICAL SIGNING
780-1 thru 780-13	PAVEMENT MARKING DETAILS
781-1	RAISED REFLECTIVE PAVEMENT MARKERS
782-1 & 782-2	CURB REFLECTORS

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<u>SECTION</u>	<u>ITEM DESCRIPTION</u>
<u>800</u>	
838-1 847-1 & 847-2 847-3	CONCRETE FOUNDATION FOR MAST ARM DETECTOR LOOP DETAILS TRAFFIC COUNTER USING TERMINAL FACILITY
<u>SKIP</u>	
SKIP-1 SKIP-2 SKIP-3 SKIP-4 & SKIP-5 SKIP-6 thru SKIP-9 SKIP-10 thru SKIP 12 SKIP-13 SKIP 14 SKIP-15 SKIP-16 SKIP-17	COVER SHEET DISTRICT 3 SIGNATURE BLOCK SIDEROADS AND ENTRANCES JOINT ROUTING & SEALING TYPICAL SECTIONS BUTT JOINTS SLURRY SEAL OMISSION AT SIDEROADS MAILBOX TURNOUT SIGN FOR SLOW MOVING VEHICLE COMPUTER CABINET REFLECTOR & TERMINAL MARKER PLACEMENT



LEGEND for DISPLA



*Edge Of Pavement
Back Of Curb*



Sidewalk



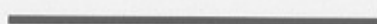
Property Line



Existing Right-



Proposed Right



Proposed Tempsement



Proposed Mark

LEGEND for AERIALS



*Edge Of Pavement or
Back Of Curb*



Sidewalk



Property Line



Existing Right-Of-Way



Proposed Right-Of-Way



Proposed Temporary Easement



Proposed Marking